

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Page 1 of 4

## U.S. Patent Documents

Exam. Init.*	Cite No.	Document Number	Publication Date or Issue Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
		Doc. Number-(Kind Code if Known)				
CA	A1	US- 3,314,941	04-18-1967	Littell et al.		
CA	A2	US- 4,689,338	08-25-1987	John F. Gerster		
CA	A3	US- 4,698,348	10-06-1987	John F. Gerster		
CA	A4	US- 4,929,624	05-29-1990	Gerster et al.		
CA	A5	US- 4,988,815	01-29-1991	Andre et al.		
CA	A6	US- 5,037,986	08-06-1991	John F. Gerster		
CA	A7	US- 5,175,296	12-29-1992	Gerster		
CA	A8	US- 5,238,944	08-24-1993	Wick et al.		
CA	A9	US- 5,266,575	11-30-1993	John F. Gerster		
CA	A10	US- 5,268,376	12-07-1993	John F. Gerster		
CA	A11	US- 5,346,905	09-13-1994	John F. Gerster		
CA	A12	US- 5,352,784	10-04-1994	Nikolaides et al.		
CA	A13	US- 5,367,076	11-22-1994	Gerster		
CA	A14	US- 5,389,640	02-14-1995	Gerster et al.		
CA	A15	US- 5,395,937	03-07-1995	Nikolaides et al.		
CA	A16	US- 5,446,153	08-29-1995	Lindstrom et al.		
CA	A17	US- 5,482,936	01-09-1996	Kyle J. Lindstrom		
CA	A18	US- 5,693,811	12-02-1997	Lindstrom		
CA	A19	US- 5,741,908	04-21-1998	Gerster et al.		
CA	A20	US- 5,756,747	05-26-1998	Gerster et al.		
CA	A21	US- 5,939,090	08-17-1999	Beaurline et al.		
CA	A22	US- 6,039,969	03-21-2000	Tomai et al.		
CA	A23	US- 6,069,149	05-30-2000	Nanba et al.		
CA	A24	US- 6,083,505	07-04-2000	Miller et al.		
CA	A25	US- 6,110,929	08-29-2000	Gerster et al.		
CA	A26	US- 6,194,425	02-27-2001	Gerster et al.		
CA	A27	US- 6,245,776	06-12-2002	Skwierczynski et al.		
CA	A28	US- 6,331,539	12-18-2001	Crooks et al.		

\*Examiner:

AUSLAKH

Date Considered:

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Substitute for form 1449A/PTO (modified)  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)  Page 2 of 4	Application Number	10/771639
	Filing Date	February 4, 2004
	First Named Inventor	Phillip D. Heppner
	Art Unit	Unknown
	Examiner Name	Unknown
	Attorney Case Number	56202US050

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CA	A29	US- 6,376,669	04-23-2002	Rice et al.	
CA	A30	US- 2002/0055517 A1	05-09-2002	Smith	
CA	A31	US- 2002/0058674 A1	05-16-2002	Hedenstrom et al.	
CA	A32	US- 6,451,810	09-17-2002	Coleman et al.	
CA	A33	US- 6,518,265	02-11-2003	Kato et al.	
CA	A34	US- 6,525,064	02-25-2003	Dellaria et al.	
CA	A35	US- 6,541,485	04-01-2003	Crooks et al.	
CA	A36	US- 6,545,016	04-08-2003	Dellaria et al.	
CA	A37	US- 6,545,017	04-08-2003	Dellaria et al.	
CA	A38	US- 6,558,951	05-06-2003	Tomai et al.	
CA	A39	US- 6,573,273	06-03-2003	Crooks et al	
CA	A40	US- 6,656,938	12-02-2003	Crooks et al.	
CA	A41	US- 6,660,735	12-09-2003	Crooks et al.	
CA	A42	US- 6,660,747	12-09-2003	Crooks et al.	
CA	A43	US- 6,664,260	12-16-2003	Charles et al.	
CA	A44	US- 6,664,264	12-16-2003	Dellaria et al.	
CA	A45	US- 6,664,265	12-16-2003	Crooks et al.	
CA	A46	US- 6,667,312	12-23-2003	Bonk et al.	
CA	A47	US- 6,670,372	12-30-2003	Charles et al.	
CA	A48	US- 6,677,347	01-13-2004	Crooks et al.	
CA	A49	US- 6,677,348	01-13-2004	Heppner et al.	
CA	A50	US- 6,677,349	01-13-2004	Griesgraber	
CA	A51	US- 6,683,088	01-27-2004	Crooks et al.	
CA	A52	US- 2002/0016332 A1	02-07-2002	Slade	
CA	A53	US- 2002/0110840 A1	08-15-2002	Tomai et al.	
CA	A54	US- 2003/0130299 A1	07-10-2003	Crooks et al.	
CA	A55	US- 2003/0133913 A1	07-17-2003	Tomai et al.	
CA	A56	US- 2003/0139364 A1	07-24-2003	Krieg et al.	

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CA	A57	US- 2003/0161797 A1	08-28-2003	Miller et al.		
CA	A58	US- 2003/0199538 A1	10-23-2003	Skwierczynski et al.		
CA	A59	US- 2003/0232852 A1	12-18-2003	Lindstrom et al.		
CA	A60	US- 2004/0010007	01-15-2004	Dellaria et al.		
CA	A61	US- 2004/0014779	01-22-2004	Gorden et al.		

Foreign Patent Documents							
Exam. Init.*	Cite No.	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Translation (Check if yes)
		Ctry. Code	Number-KindCode (if known)				
CA	B1	PCT	WO 00/47719	08/17/2000			
CA	B2	PCT	WO 02/36592	05-10-2002			X
CA	B3	PCT	WO 03/103584	12-18-2003			
CA	B4	JP	9-208584	08-12-1997			
CA	B5	JP	9-255926	03-26-1999			X
CA	B6	JP	11-222432	08-17-1999			X
CA	B7	JP	2000-247884 (abs)	09-12-2000			X
CA	B8	EP	0 394 026	10-24-1990			
CA	B9	EP	1 104 764	06-06-2001			

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS		
Exam. Init.*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published
CA	C1	Wozniak, et al, "The Amination of 3-nitro-1, 5-naphthyridines by Liquid Ammonia/Potassium Permanganate <sup>1,2</sup> . A New and Convenient Amination Method.", <u>Journal of the Royal Netherlands Chemical Society</u> , 102, pp 511-513, December 12, 1983.
CA	C2	Brennan, et al, "Automated Bioassay of Interferons in Micro-test Plates", <u>Biotechniques</u> , June/July, 78, 1983.
CA	C3	Testerman, et al., "Cytokine Induction by the Immunomodulators Imiquimod and S-27609", <u>Journal of Leukocyte Biology</u> , Volume 58, pp. 365-372, September 1995.
CA	C4	Bachman, et al, "Synthesis of Substituted Quinolylamines. Derivatives of 4-Amino-7-Chloroquinoline", <u>J. Org. Chem</u> , 15, pp 1278-1284 (1950).
CA	C5	Jain, et al, "Chemical and Pharmacological Investigations of Some $\omega$ -Substituted Alkylamino-3-aminopyridines", <u>J. Med. Chem.</u> , 11, pp 87-92 (1968).

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CA	C6	Baranov, et al., <u>Chem. Abs.</u> 85, 94362, (1976).
CA	C7	Berényi, et al, "Ring Transformation of Condensed Dihydro-as-triazines", <u>J. Heterocyclic Chem.</u> , 18, pp 1537-1540 (1981).
CA	C8	Chollet, et al, "Development of a Topically Active Imiquimod Formulation", <u>Pharmaceutical Development and Technology</u> , 4(1), pp 35-43 (1999)
CA	C9	Izumi, et al., "1H-Imidazo[4,5-c]quinoline Derivatives as Novel Potent TNF- $\alpha$ Suppressors: Synthesis and Structure-Activity Relationship of 1-, 2- and 4-Substituted 1H-imidazo[4,5-c]pyridines", <u>Bioorganic &amp; Medicinal Chemistry</u> , 11, pp 2541-2550 (2003)

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